10/23/87 A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 68 For Week Ended October 16, 1987 NO. 42

SUMMARY

(In Thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 10/16/87	Last Week Ending: 10/09/87	Last Year Week Ending: 10/17/86	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,985	12,667	12,804	318	181
Operable capacity	15,697	15,697	15,594	0	103
Percent operated	82.7	80.7	82.1		
Motor Gasoline					
Total motor gasoline production	6,657	6,694	6,903	-37	-246
Finished leaded motor gasoline production	1,503	1,700	1,999	-197	-496
Finished unleaded motor gasoline production	5,154	4,994	4,904	160	250
Total motor gasoline stocks	223,173	227,153	226,190	-3,980	-3,017
Finished leaded motor gasoline stocks	52,669	54,090	65,078	-1,421	-12,409
Finished unleaded motor gasoline stocks	130,851	133,790	123,733	-2,939	7,118
Jet Fuel Kerosine					
Jet fuel kerosine production	1,169	1,227	1,099	-58	70
Jet fuel kerosine stocks	42,170	44,157	42,963	-1,987	-793
Distillate Fuel Oil					
Distillate fuel oil production	2,797	2,659	2,668	138	129
Distillate fuel oil stocks	126,116	128,064	151,215	-1,948	-25,099
Residual Fuel Oil					
Residual fuel oil production	878	926	774	-48	104
Residual fuel oil stocks	45,320	45,595	45,512	-275	-192
Imports					
Crude oil imports	4,557	4,800	4,920	-243	-363
Product imports	1,335	2,015	1,318	-680	17
Crude Oil Stocks					
Crude oil stocks	333,372	330,955	340,361	2,417	-6,989

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 68 For Week Ended October 16, 1987 NO. 42

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,290	1,090	1,091	1,400	77.9
Appal. No. 1	104	98	98	105	93.3
DISTRICT 1 TOTAL	1,394	1,188	1,189	1,505	79.0
Appal. No. 2	62	62	62	66	93.9
Ind., Ill., Ky.	2,098*	1,946*	1,960*	2,154	91.0*
Minn., Wis., Daks.	326	313	313	317	98.7
Okla., Kans., Mo.	598	571	572	720	79.4
DISTRICT 2 TOTAL	3,084*	2,892*	2,907*	3,257	89.3*
Inland Texas	546	474	479	569	84.2
Texas Gulf Coast	3,333	2,942	2,962	3,569	83.0
La. Gulf Coast	2,406	2,261	2,335	2,648	88.2
N. La. and Ark.	156	143	145	257	56.4
New Mexico	82	69	71	81	87.7
DISTRICT 3 TOTAL	6,523	5,889	5,992	7,124	84.1
DISTRICT 4 TOTAL	454	431	436	552	79.0
DISTRICT 5 TOTAL	2,556	2,461	2,461	3,259	75.5
TOTAL U.S.	14,011	12,861	12,985	15,697	82.7
TOTAL U.S. Weeks Ended:					
OCT. 9, 1987	13,951*	12,587*	12,667*	15,697	80.7*
OCT. 17, 1986	13,997	12,637	12,804	15,594	82.1
DISTRICTS 1-4 Weeks Ended:					
OCT. 16, 1987	11,455	10,400	10,524	12,438	84.6
OCT. 9, 1987	11,417*	10,167*	10,234*	12,438	82.3*
OCT. 17, 1986	11,414	10,272	10,408	12,526	83.1

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended October 16, 1987

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	649	137	512	15	75	310	118
Appal. No. 1	32	5	27	--	--	32	3
DISTRICT 1 TOTAL	681	142	539	15	75	342	121
Appal. No. 2	37	10	27	--	--	15	2
Ind., Ill., Ky.	1,114	235	879	18	109	389	36
Minn., Wis., Daks.	160	48	112	--	21	63	6
Okla., Kans., Mo.	295	114	181	5	41	137	1
DISTRICT 2 TOTAL	1,606	407	1,199	23	171	604	45
Inland Texas	249	84	165	23	38	118	14
Texas Gulf Coast	1,568	280	1,288	57	272	662	180
La. Gulf Coast	1,161	181	980	42	262	512	114
N. La. and Ark.	35	6	29	7	7	34	10
New Mexico	43	17	26	8	3	16	--
DISTRICT 3 TOTAL	3,056	568	2,488	137	582	1,342	318
DISTRICT 4 TOTAL	204	72	132	20	29	104	7
DISTRICT 5 TOTAL	1,110	314	796	37	312	405	387
TOTAL U.S.	6,657	1,503	5,154	232	1,169	2,797	878
TOTAL U.S. Weeks Ended:							
OCT. 9, 1987	6,694	1,700	4,994	191	1,227	2,659	926
OCT. 17, 1986	6,903	1,999	4,904	193	1,099	2,668	774
DISTRICTS 1-4 Weeks Ended:							
OCT. 16, 1987	5,547	1,189	4,358	195	857	2,392	491
OCT. 9, 1987	5,690	1,420	4,270	157	904	2,260	479
OCT. 17, 1986	5,794	1,675	4,119	154	805	2,216	410

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Motor Gasoline: Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
New England	4,119	827	3,291	1	134	509	8,431	1,144	--
Central Atlantic	26,820	5,162	16,894	4,764	452	5,186	29,245	17,151	12,589
Lower Atlantic	32,604	7,208	25,075	321	647	4,121	14,373	3,091	430
DISTRICT 1 TOTAL	63,543	13,197	45,260	5,086	1,233	9,816	52,049	21,386	13,019
DISTRICT 2 TOTAL	58,822*	16,315	34,116*	8,391	928	8,790	28,969*	2,789	14,960
DISTRICT 3 TOTAL	65,557	13,629	35,051	16,877	2,733	16,659	31,059	11,539	45,788
DISTRICT 4 TOTAL	5,748	1,988	2,348	1,412	349	686	2,487	433	2,387
DISTRICT 5 TOTAL	29,503	7,540	14,076	7,887	1,604	6,219	11,552*	9,173	24,964*
TOTAL U.S.	223,173	52,669	130,851	39,653	6,847	42,170	126,116	45,320	101,118
TOTAL U.S. Weeks Ended:									
OCT. 9, 1987	227,153*	54,090	133,790*	39,273	6,497	44,157	128,064*	45,595	101,668*
OCT. 17, 1986	226,190	65,078	123,733	37,379	6,839	42,963	151,215	45,512	98,849
DISTRICTS 1-4 Weeks Ended:									
OCT. 16, 1987	193,670	45,129	116,775	31,766	5,243	35,951	114,564	36,147	76,154
OCT. 9, 1987	197,060*	46,522	119,128*	31,410	4,983	38,218	116,389*	36,085	76,539
OCT. 17, 1986	196,407	57,172	109,550	29,685	5,039	36,975	139,874	36,840	75,846

[1] Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2] Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended October 16, 1987

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy May 1987	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
OCT. 16, 1987	5,076.0	5,259.0	4,337	679	257,661
OCT. 9, 1987	5,076.0	--	4,563*	632*	255,832
OCT. 2, 1987	5,120.2	--	4,879*	609*	260,175
SEP. 25, 1987	5,120.2	--	5,237	671	259,024
DISTRICT 5 TOTAL					
OCT. 16, 1987	3,157.4	3,073.0	220	--	75,711 ‡
OCT. 9, 1987	3,157.4	--	237	--	75,123*
OCT. 2, 1987	2,963.8	--	213	--	74,190
SEP. 25, 1987	2,963.8	--	238	30	77,709
TOTAL U.S.					
OCT. 16, 1987	8,233.4	8,332.0	4,557	679	333,372 ‡
OCT. 9, 1987	8,233.4	--	4,800*	632*	330,955*
OCT. 2, 1987	8,084.0	--	5,092*	609*	334,365
SEP. 25, 1987	8,084.0	--	5,475	701	336,733
OCT. 17, 1986	8,419.0a/	--	4,920	583	340,361

‡INCLUDES 22,547 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for October 1986.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
OCT. 16, 1987	16,688	69,292	159,428	12,253	257,661	75,711 ‡	333,372 ‡
OCT. 9, 1987	16,642	69,663	157,538	11,989	255,832	75,123*	330,955*
OCT. 17, 1986	18,446	73,878	163,637	11,637	267,598	72,763	340,361

[1]See definitional notes, Page 6.

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended October 16, 1987

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline Finished Leaded	Motor Gasoline Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel Naphtha Type	Jet Fuel Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oil	Other	Total
New England	87	5	82	--	--	--	80	--	8	14	--	189
Central Atlantic	--	--	--	11	--	3	79	273	32	13	66	477
Lower Atlantic	--	--	--	--	--	--	--	90	--	--	--	90
DISTRICT 1 TOTAL												
OCT. 16, 1987	87	5	82	11	--	3	159	363	40	27	66	756
OCT. 9, 1987	500	60	440	65	--	7	360	371	25	50	66	1,444
OCT. 2, 1987	566	43	523	27	--	32	327	163	40	82	111	1,348
SEP. 25, 1987	589	23	566	39	--	37	351	542	28	132	49	1,767
DISTRICTS 2-4 TOTAL												
OCT. 16, 1987	7	--	7	9	3	--	46	17	205	135	123	545
OCT. 9, 1987	12	1	11	8	3	--	11	30	175	180	119	538
OCT. 2, 1987	7	--	7	8	2	29	14	--	187	157	189	593
SEP. 25, 1987	13	1	12	1	2	--	16	6	156	270	215	679
DISTRICT 5 TOTAL												
OCT. 16, 1987	10	3	7	6	--	--	4	5	9	--	--	34
OCT. 9, 1987	10	2	8	10	--	--	3	5	5	--	--	33
OCT. 2, 1987	2	--	2	9	--	1	3	8	7	2	--	32
SEP. 25, 1987	11	2	9	12	--	--	5	8	5	--	--	41
TOTAL U.S.	104	8	96	26	3	3	209	385	254	162	189	1,335
TOTAL U.S. Weeks Ended:												
OCT. 9, 1987	522	63	459	83	3	7	374	406	205	230	185	2,015
OCT. 2, 1987	575	43	532	44	2	62	344	171	234	241	300	1,973
SEP. 25, 1987	613	26	587	52	2	37	372	556	189	402	264	2,487
OCT. 17, 1986	180	10	170	35	--	8	162	424	173	64	272	1,318

[1] Total motor gasoline imports is equal to the sum of finished imports and finished unleaded imports.

[2] Gasoline blending component imports are not included in total motor gasoline imports.

[3] Includes Grade No. 4 fuel oil.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: OCT. 16, 1987

REVISIONS

10/02/87	PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	4,879
			TOTAL U.S.	5,092
		CANADIAN CRUDE OIL	DISTRICTS 1-4 TOTAL	609
			TOTAL U.S.	609
10/09/87	PAGE 1	TOTAL REFINERY INPUT	IND., ILL., KY	1,941
			DISTRICT 2 TOTAL	2,926
			TOTAL U.S.	13,951
			DISTRICTS 1-4	11,417
		CRUDE OIL RUNS	IND., ILL., KY	1,740
			DISTRICT 2 TOTAL	2,676
			TOTAL U.S.	12,587
			DISTRICTS 1-4	10,167
		INPUT TO CRUDE OIL	IND., ILL., KY	1,750
			DISTRICT 2 TOTAL	2,688
			TOTAL U.S.	12,667
			DISTRICTS 1-4	10,234
		% OPERABLE	IND., ILL., KY	81.2
			DISTRICT 2 TOTAL	82.5
			TOTAL U.S.	80.7
			DISTRICTS 1-4	82.3
	PAGE 3	TOTAL MGAS	DISTRICT 2 TOTAL	59,899
			TOTAL U.S.	227,153
			DISTRICTS 1-4	197,060
		UNLEADED MGAS	DISTRICT 2 TOTAL	34,984
			TOTAL U.S.	133,790
			DISTRICTS 1-4	119,128
		DISTILLATE FUEL	DISTRICT 2 TOTAL	30,183
			DISTRICT 5 TOTAL	11,675
			TOTAL U.S.	128,064
			DISTRICTS 1-4	116,389
		UNFINISHED OILS	DISTRICT 5 TOTAL	25,129
			TOTAL U.S.	101,668
	PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	4,563
			TOTAL U.S.	4,800
		CANADIAN CRUDE OIL	DISTRICTS 1-4 TOTAL	632
			TOTAL U.S.	632
		CRUDE OIL STOCKS	DISTRICT 5 TOTAL	75,123
			TOTAL U.S.	330,955
	PAGE 4 B	TOTAL	PAD DISTRICT 5	75,123
			TOTAL U.S.	330,955